

GLS PP ZG29

Polypropylene

GLS Polymers Pvt. Ltd.

Message:

PP 10%GF Chemically Coupled

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Chemically Coupled		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970 to 0.980	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0 to 8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.40 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.0 to 42.0	MPa	ASTM D638
Tensile Elongation (Break)	> 7.0	%	ASTM D638
Flexural Modulus	2000 to 2500	MPa	ASTM D790
Flexural Strength	50.0 to 56.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	80 to 100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	92.0 to 95.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	79.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	191 to 232	°C	
Mold Temperature	32.0 to 66.0	°C	
Injection Pressure	69.0 to 103	MPa	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

